

**Paper Number**

The  
United  
States  
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America

*Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.*

United States Patent

The seal of the United States Patent and Trademark Office is a circular emblem. It features an eagle with its wings spread, perched on a shield. The shield is decorated with stars and stripes. The eagle is surrounded by a circular border containing the text "PATENT AND TRADEMARK OFFICE" at the top and "UNITED STATES OF AMERICA" at the bottom, separated by two small stars.

Bence Lehman

*Commissioner of Patents and Trademarks*

Attest  
Karna J. Cooper

**Allest**

PTO-1584

